

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : DAI ICHI SEIYAKU CO LTD

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(30)Priority

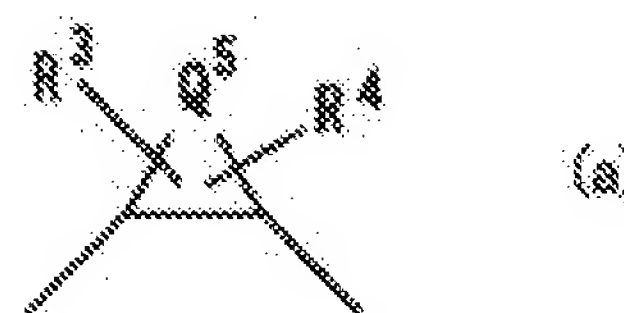
Priority number : 2001311909 Priority date : 09.10.2001 Priority country : JP

(54) DIAMINE DERIVATIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a compound having activated blood-coagulative factor X inhibitory effect and thus useful as a prophylactic and/or a therapeutic agent for cerebral infarction, cerebral embolism, myocardial infarction, stenocardia, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous thrombosis, disseminated intravascular coagulation syndrome, thrombopoiesis after replacing artificial valve/joint, thrombopoiesis and reobstruction after restoring blood circulation, systemic inflammatory reaction syndrome (SIRS), multiorgan dysfunction (MODS), thrombopoiesis in extracorporeal circulation, or coagulation in blood collection.

SOLUTION: This compound (a salt thereof, solvate thereof, N-oxide thereof) is shown by the general formula (1): Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [wherein, R1 and R2 are each H or the like; Q1 is a (substituted) saturated or unsaturated 5- or 6-membered cyclic hydrocarbon group or the like; Q2 is a



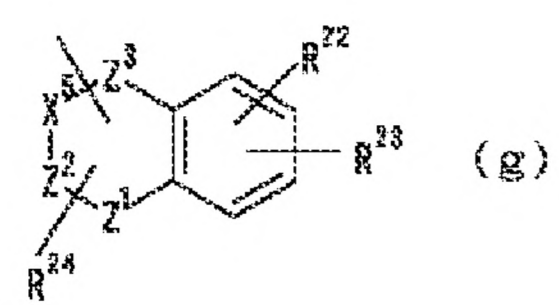
(19)日本国特許庁（J P）(12)公開特許公報（A）(11)特許出願公開番号
特開2003－183286
（P2003－183286A）
(43)公開日 平成15年7月3日(2003.7.3)

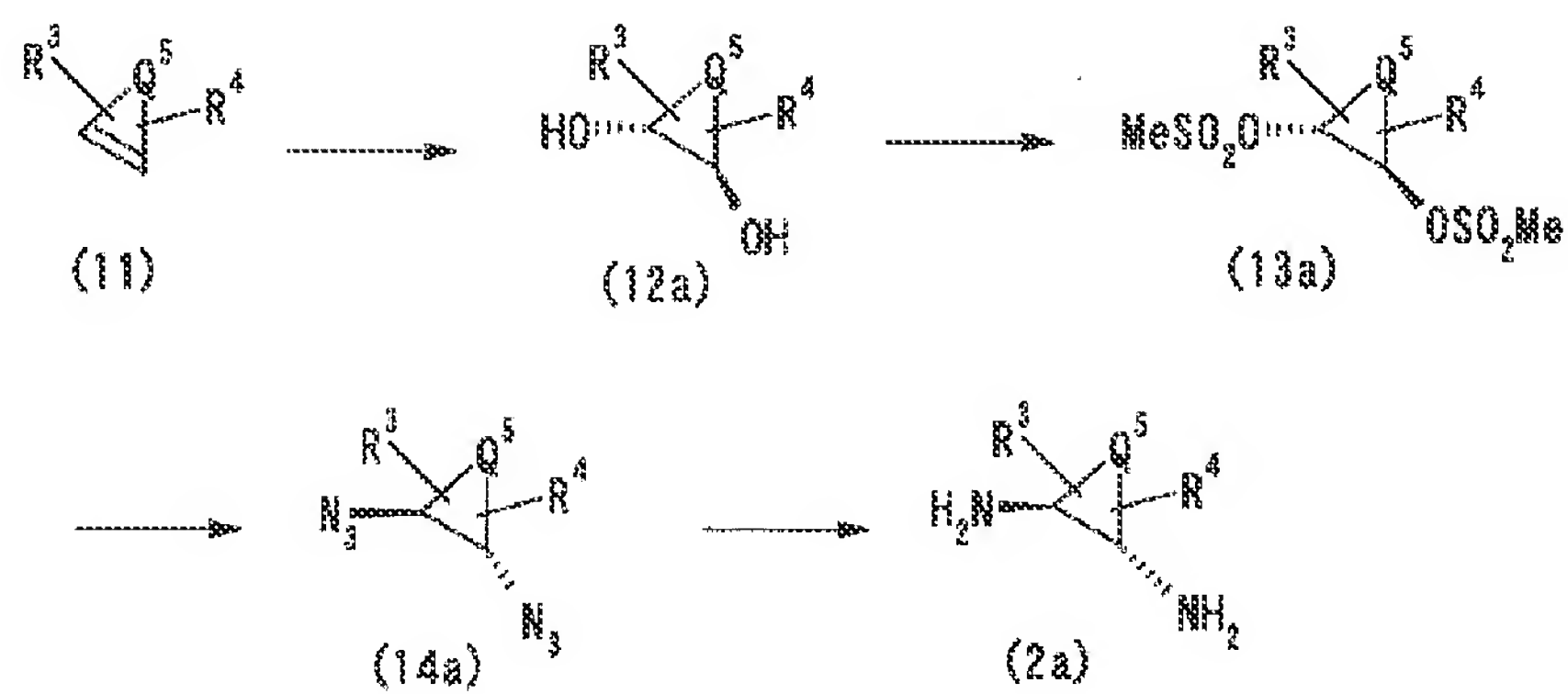
(51)Int.Cl.⁷識別記号F Iテームト*（参考）
C 0 7 D 513/043 4 3C 0 7 D 513/043 4 34 C 0 7 2
A 6 1 K 31/437A 6 1 K 31/4374 C 0 8 6
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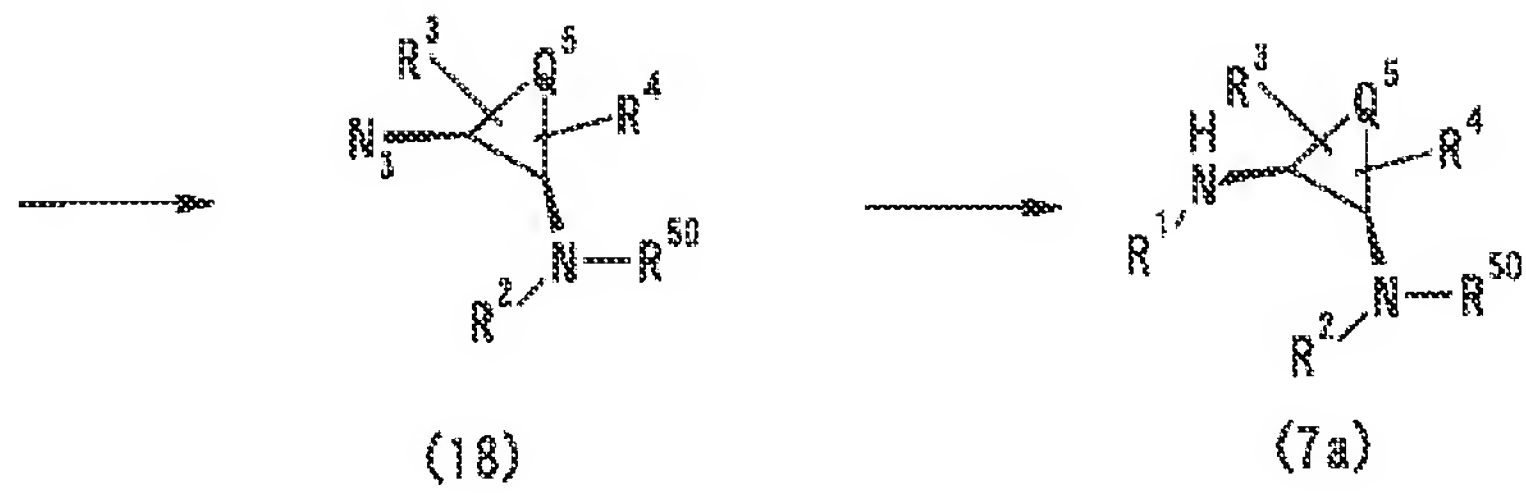
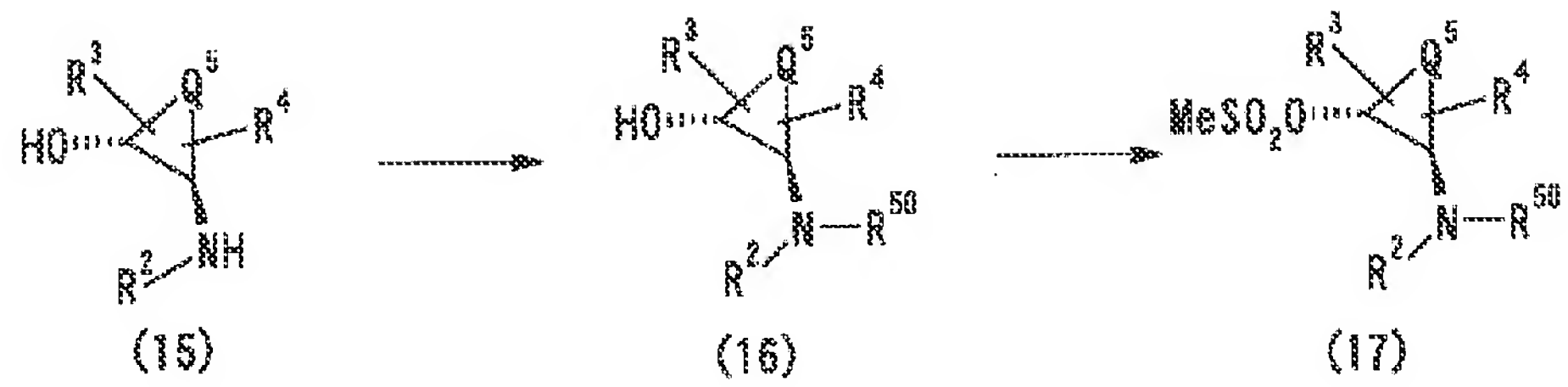
(21)出願番号特願2001－398959(P2001－398959)(71)出願人 000002831
第一製薬株式会社
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(32)優先日平成13年10月9日(2001.10.9)(74)代理人 100068700
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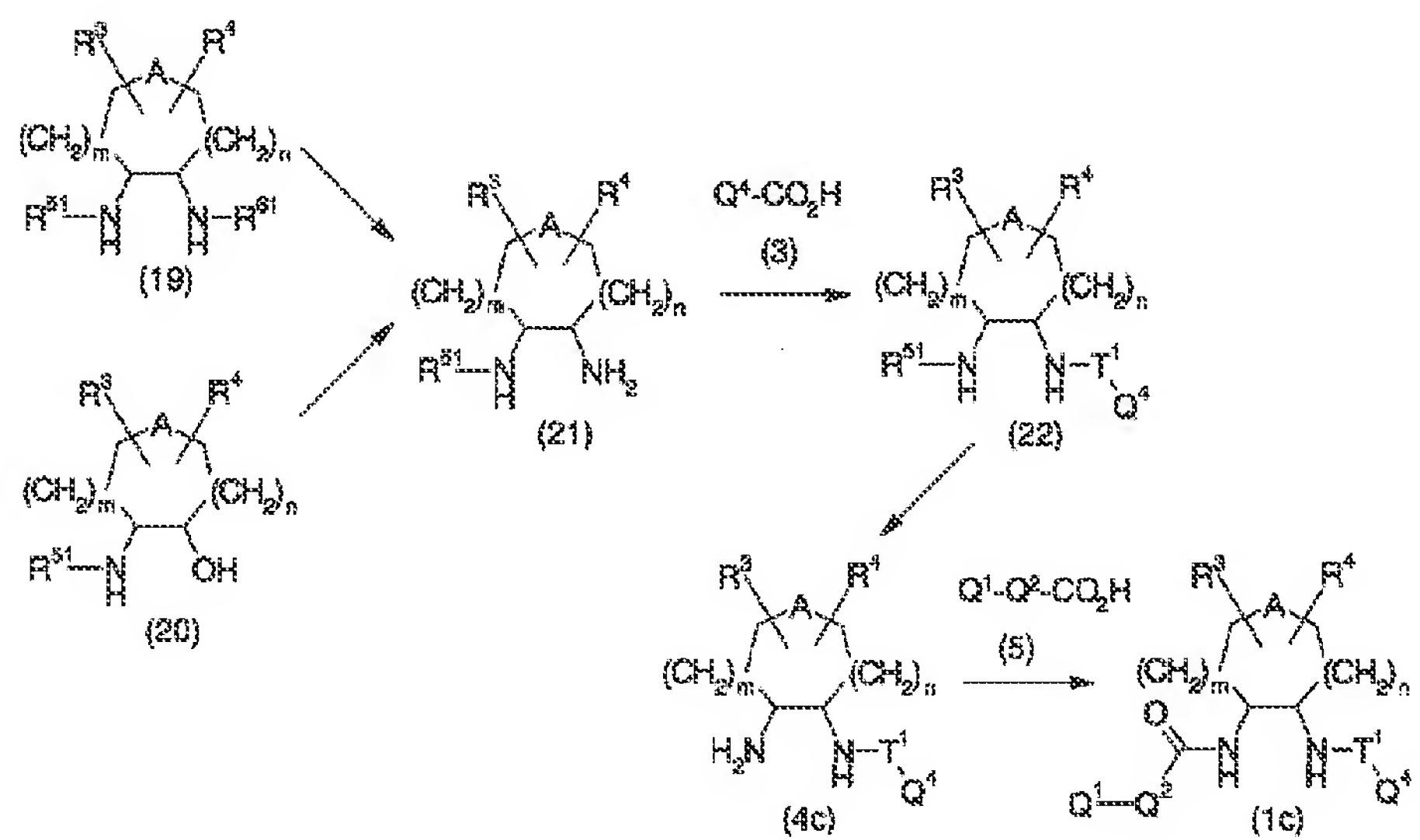
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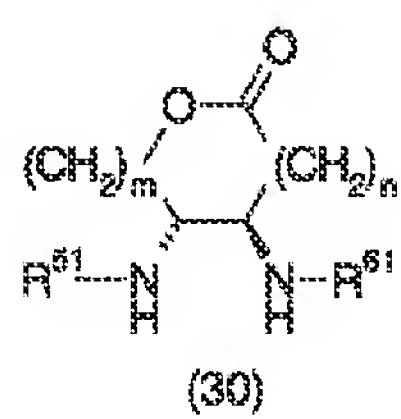
(54)【発明の名称】 ジアミン誘導体



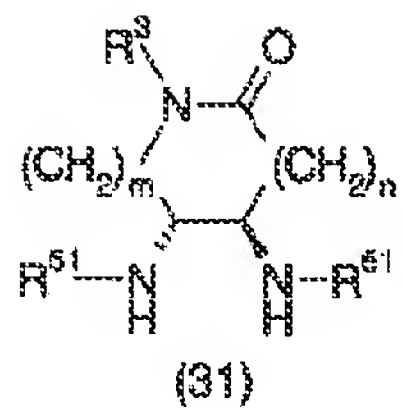




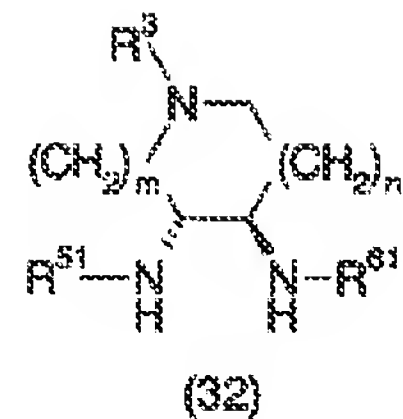


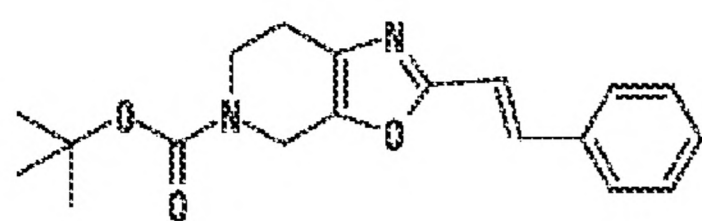


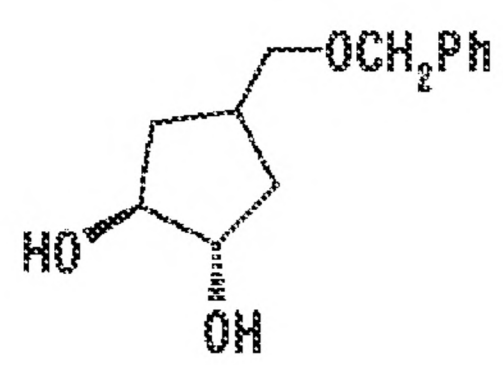
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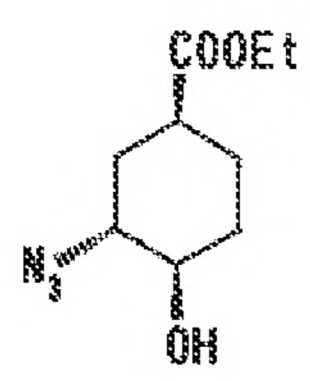


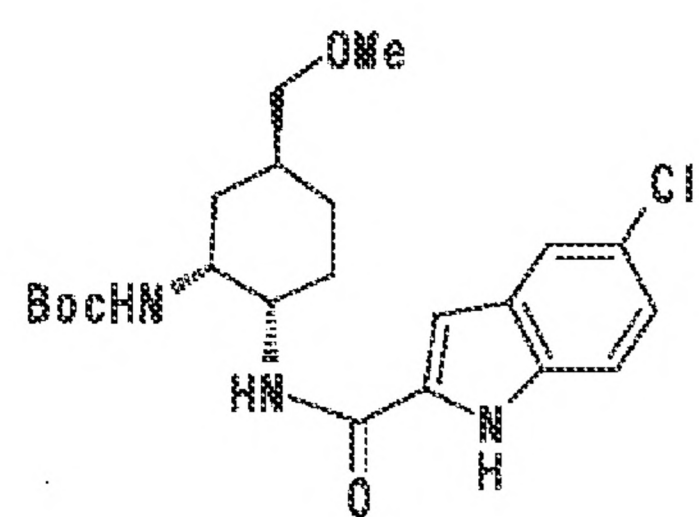
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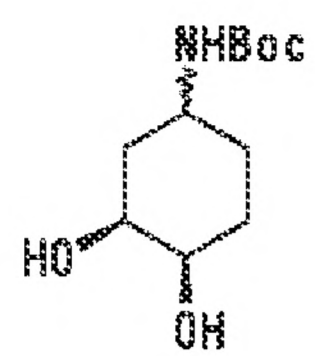


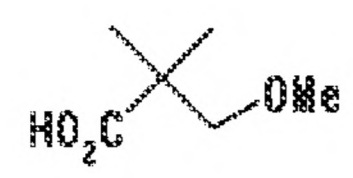


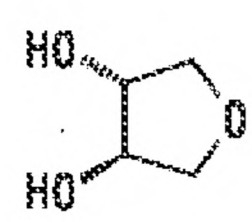


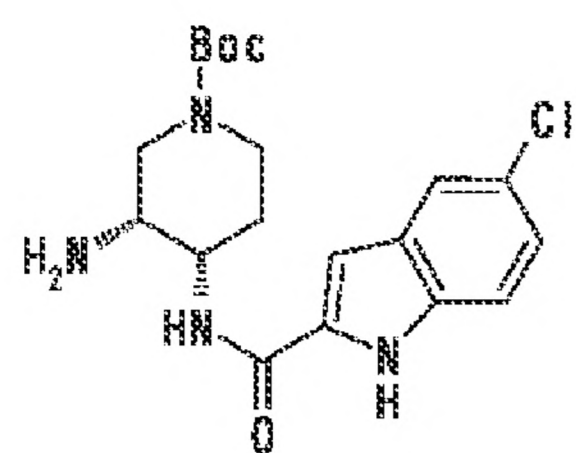


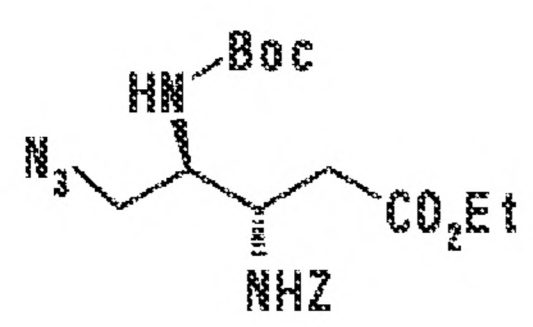


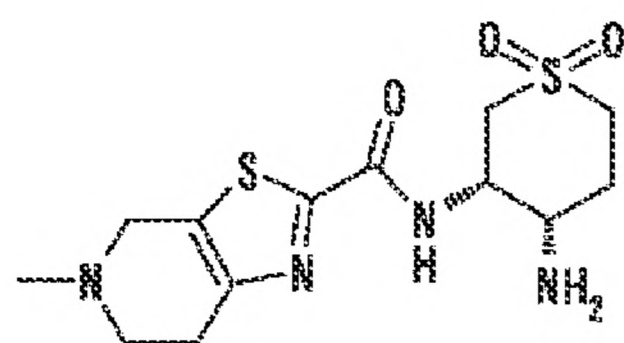


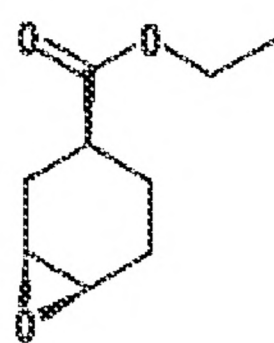


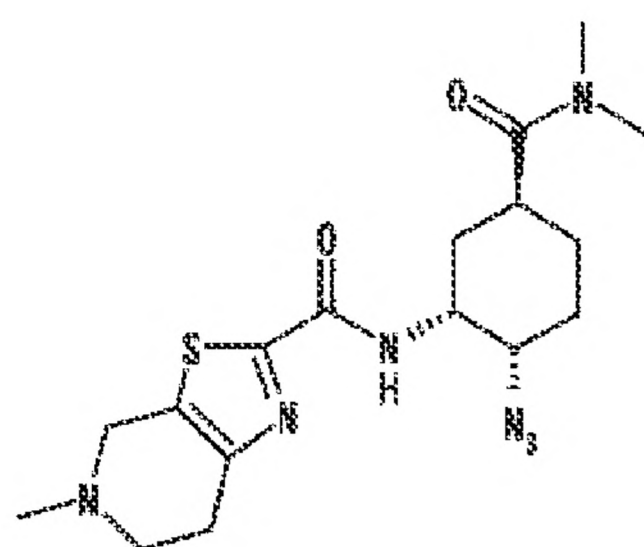


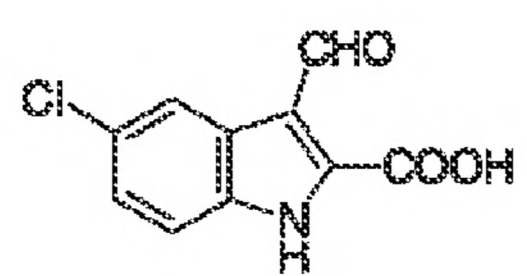


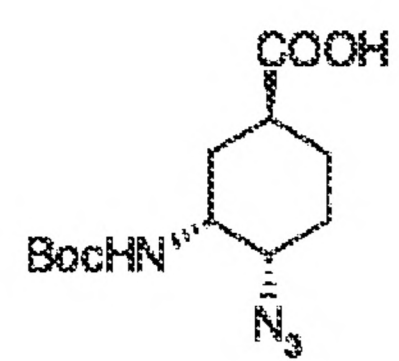


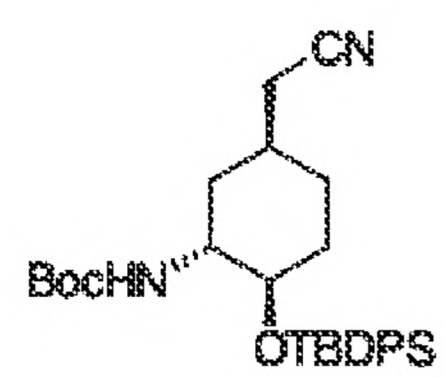


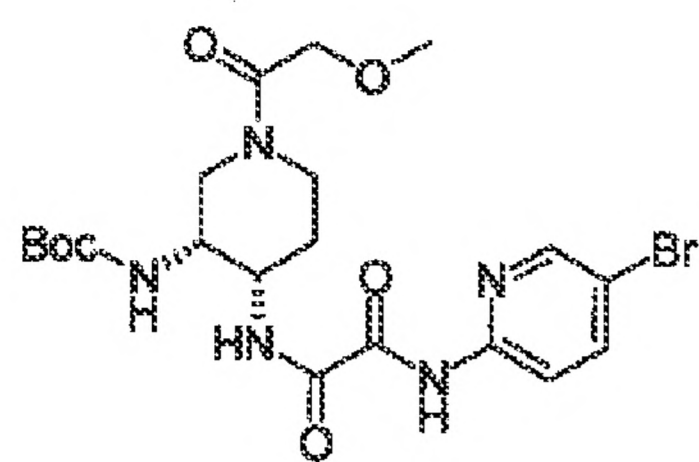


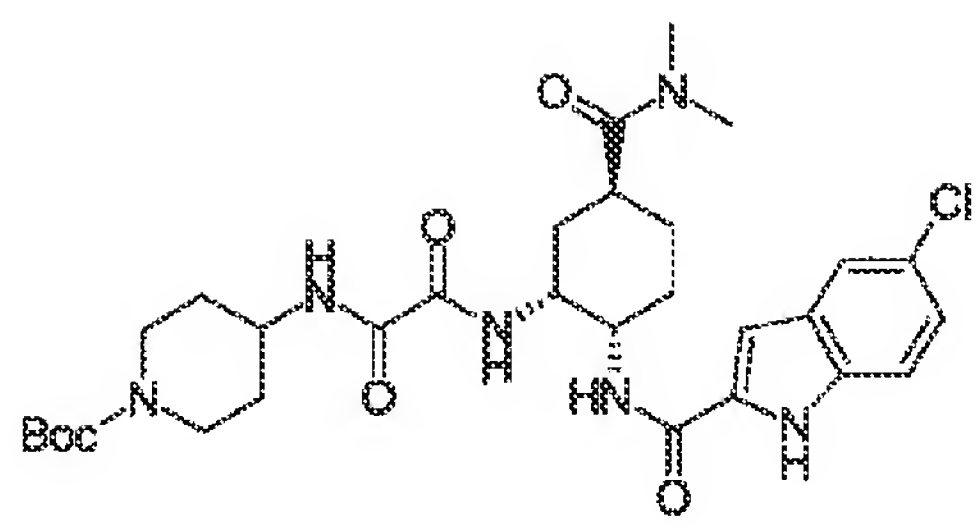


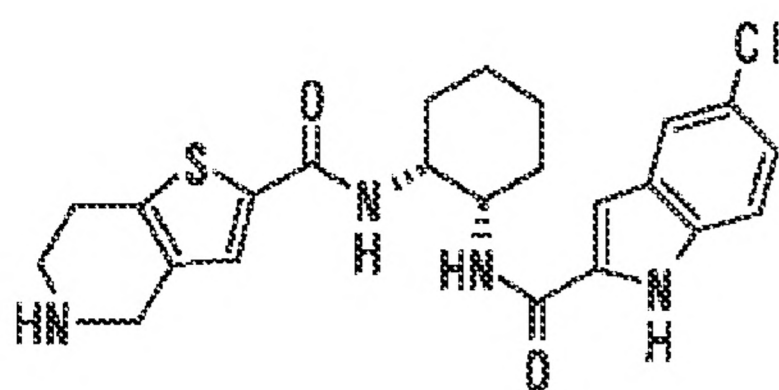


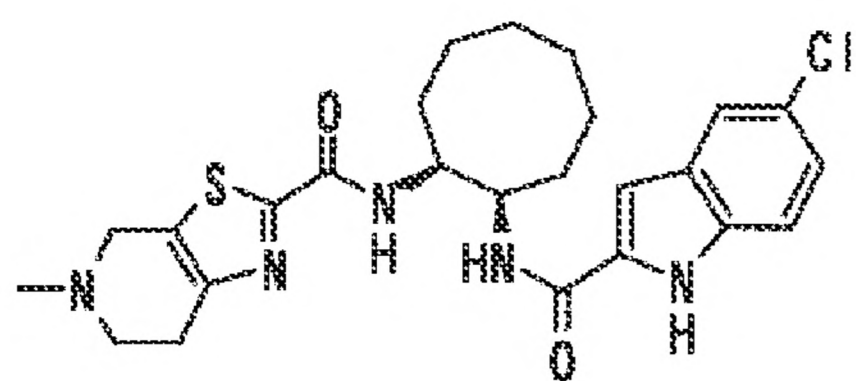


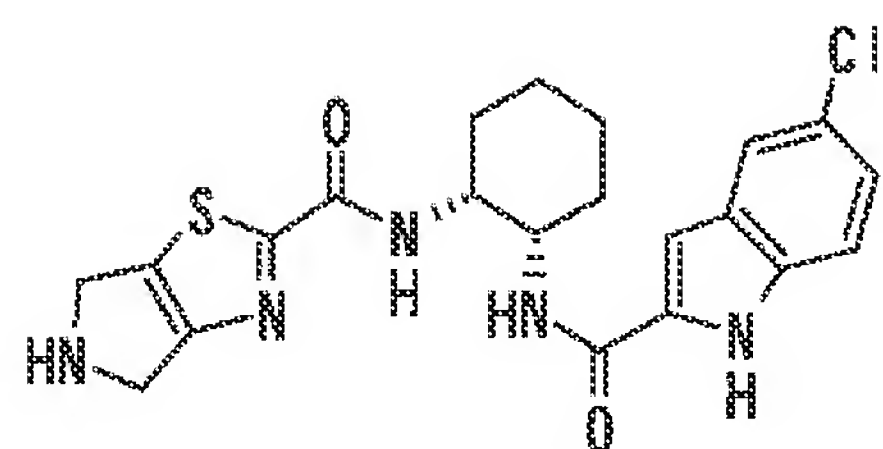


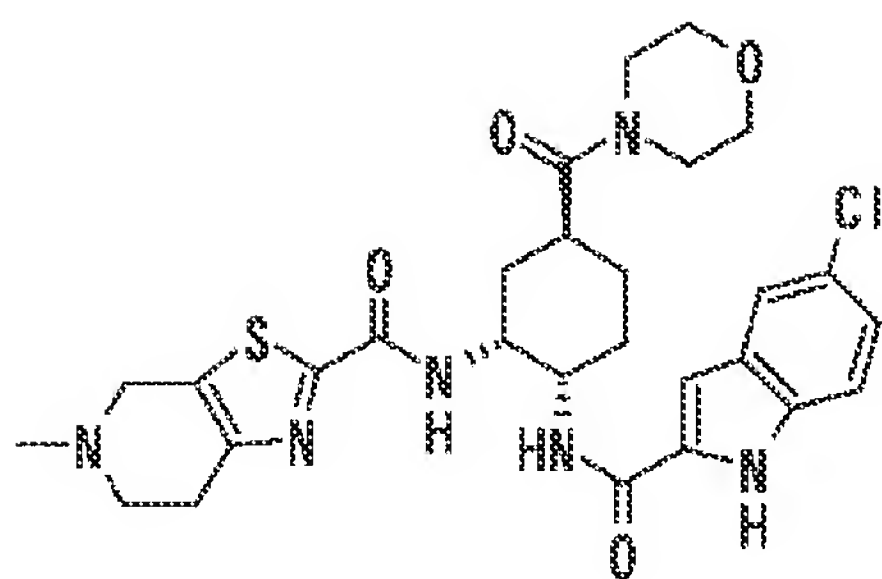


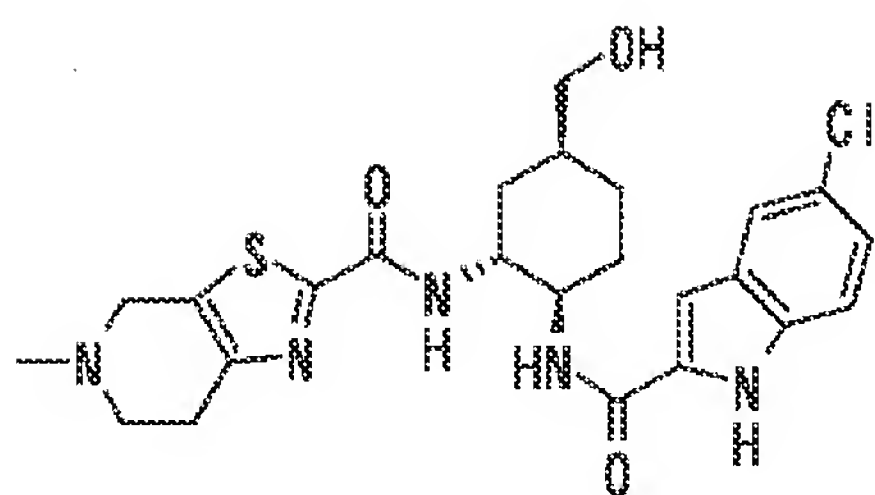


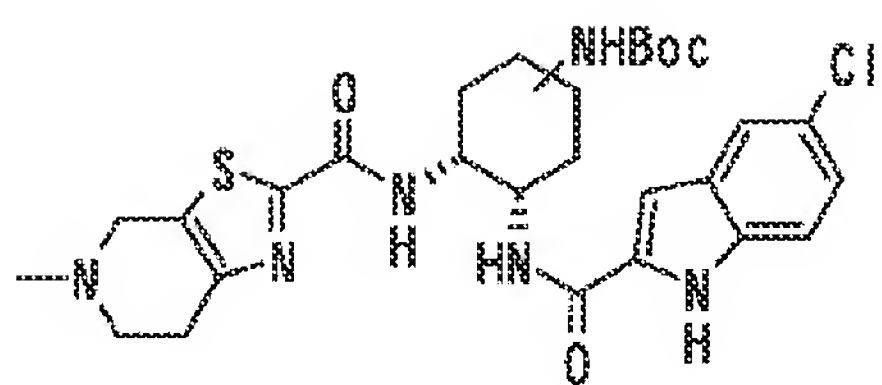


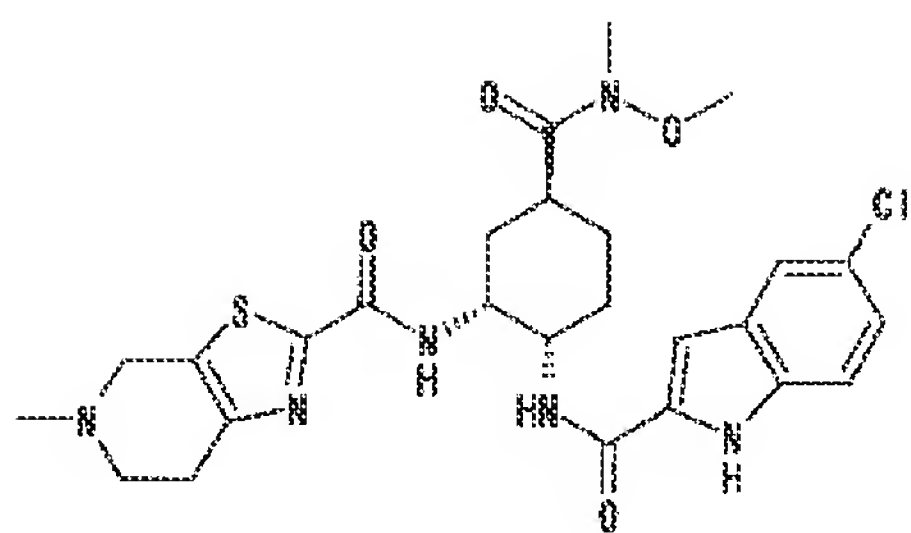


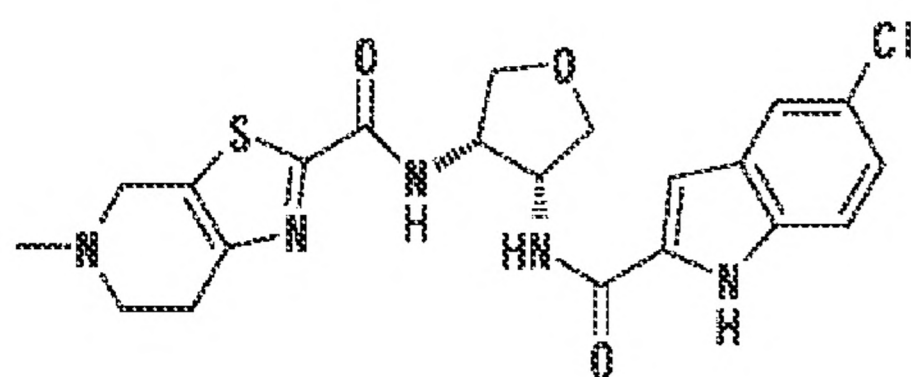


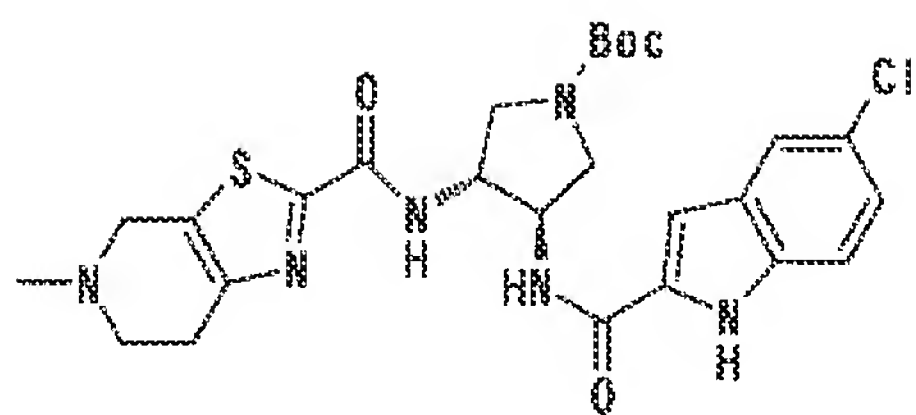


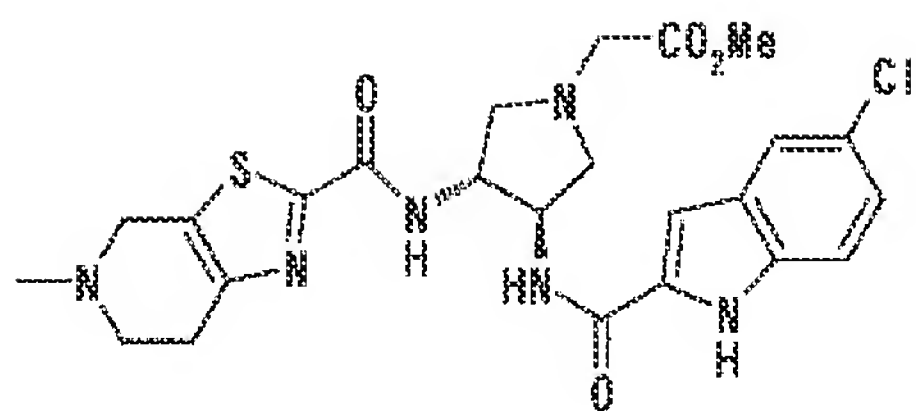


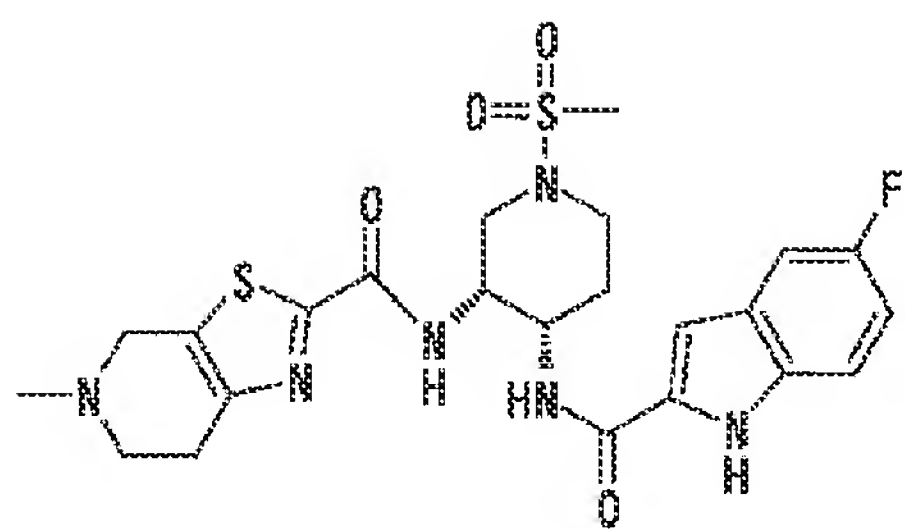


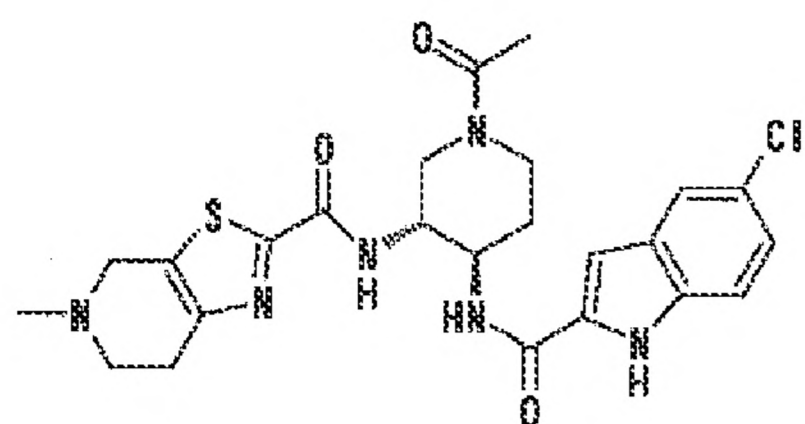


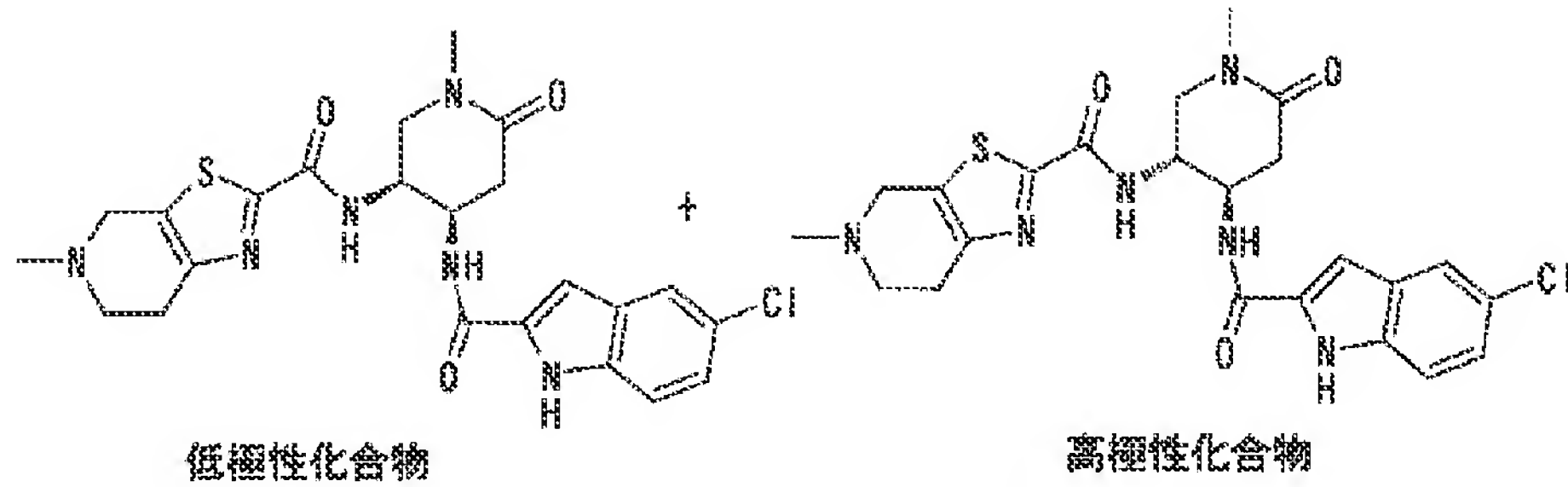


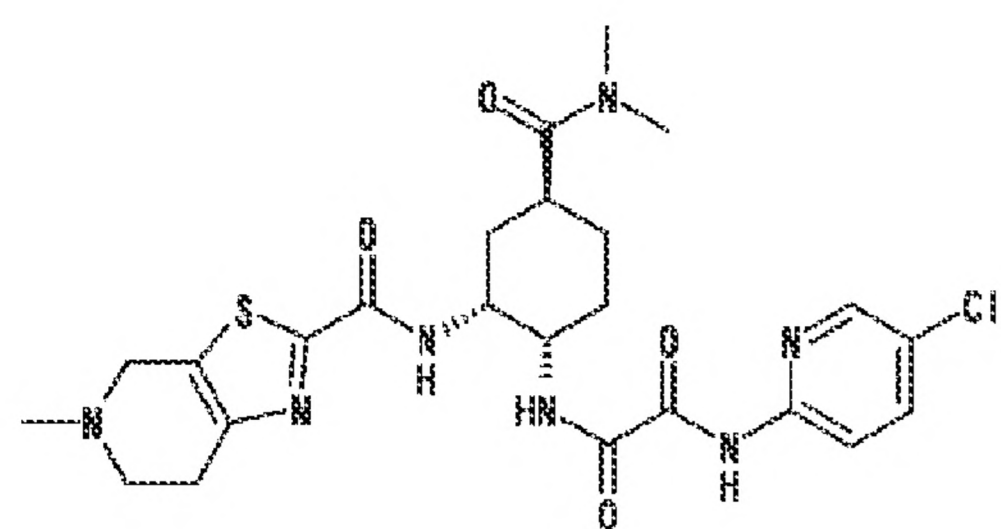


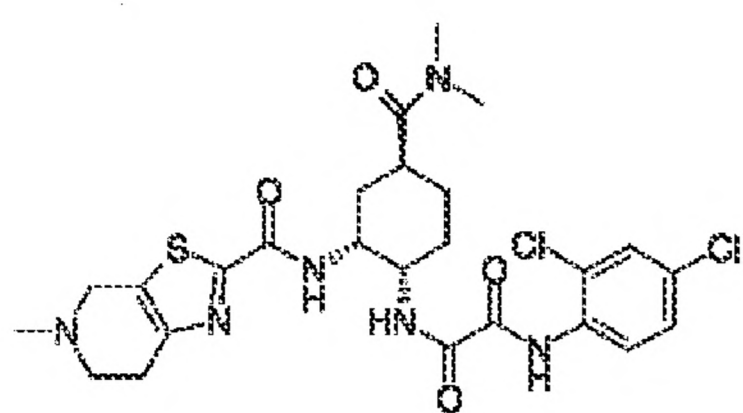


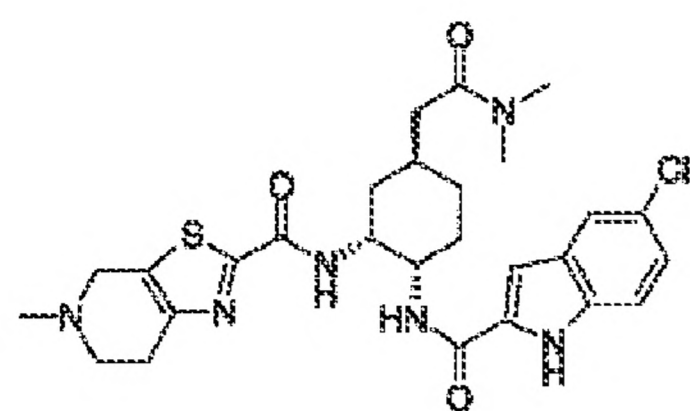


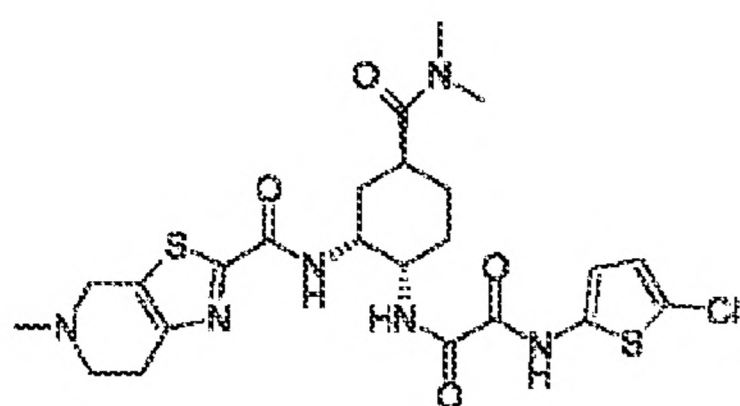


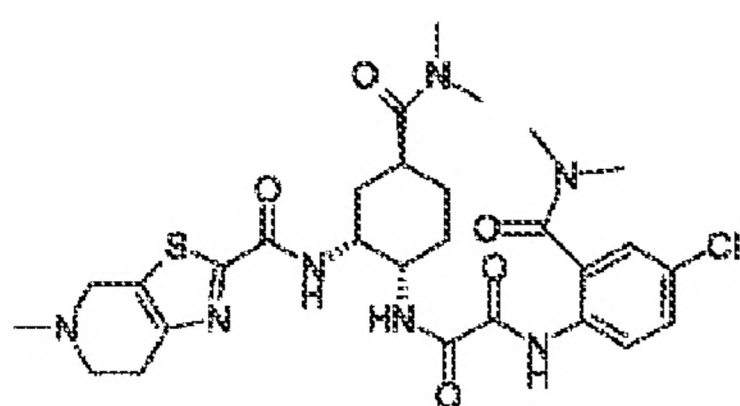


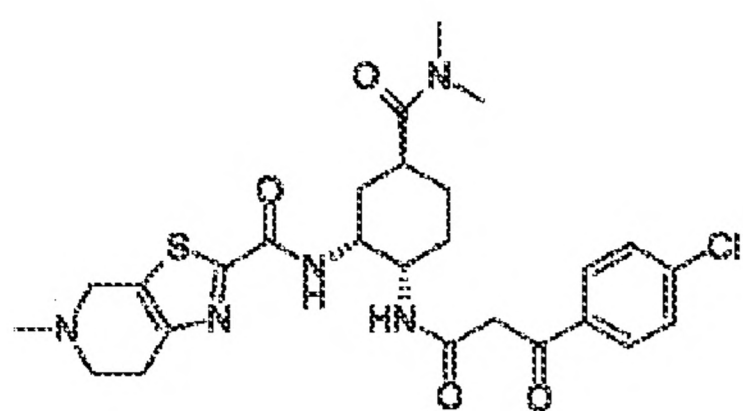












化合物	ヒトFXa 阻害作用 (IC ₅₀ 値) : nM	化合物	ヒトFXa 阻害作用 (IC ₅₀ 値) : nM
実施例3	86	実施例143	5.8
実施例7	83	実施例164	4.8
実施例11	92	実施例191	1.2
実施例54	4.2	実施例192	2.0
実施例62	3.5	実施例194	5.0
実施例63	2.5	実施例204	1.5
実施例74	1.4	実施例246	3.1
実施例101	26	実施例247	1.9
実施例130	4.5	実施例248	5.4
実施例138	4.4		

